

What is claimed is:

1. A computer-readable medium containing a computer software program for causing a computer to perform the steps
5 of:

allowing an information processing device included in an information processing system to receive a parameter entered for setting policies in which processes to be performed in said information processing system are defined;

10 and

changing said parameter for said policies so that a policy set, which is an aggregate of policies set by said parameter, better matches the control strategy of said information processing system.

15

2. A computer-readable medium according to claim 1, wherein said information processing system including said information processing device comprises a storage device for storing data, a backup device for saving a duplicate of data
20 stored in said storage device, a computer for accessing said storage device, and a network device for interconnecting said information processing device, said storage device, said backup device, and said computer; and wherein said policy set is an aggregate of said policies for defining
25 processes to be performed by said storage device, said computer, said backup device, or said network device.

3. A computer-readable medium according to claim 2, wherein said processes to be performed by said information
30 processing system defined by said policies include any one

of a process for saving a duplicate of data stored in a storage area possessed by said storage device specified by said parameter into said backup device specified by said parameter at a time specified by said parameter, a process
5 for causing said computer specified by said parameter to perform a batch process using data stored in said storage area possessed by said storage device specified by said parameter at a time specified by said parameter, and a process for allocating a user specified by said parameter
10 said storage area having a storage capacity specified by said parameter, which is within said storage area possessed by said storage device specified by said parameter.

4. A computer-readable medium according to claim 3,
15 wherein the control strategy of said information processing system includes any one of a provision stipulating that a plurality of said policies controlling the same said backup device be not allowed to exist during the same period of time, a provision stipulating that a plurality of said
20 policies controlling the same said storage device be not allowed to exist during the same period of time, a provision stipulating that a process for saving a duplicate of data stored in said storage area possessed by said storage device into said backup device start at a specified time, and a
25 provision stipulating that said storage area that is possessed by said storage device and allocated to said user be recognized as a storage area allocatable to said user.

5. A computer-readable medium according to claim 1,
30 wherein said step for changing said parameter for said

policies so that a policy set, which is an aggregate of said policies set by said parameter, better matches the control strategy of said information processing system calculates the degree-of-nonconformance value, which is a numerical value representing the degree of nonconformance of said policy set to the control strategy of said information processing system, and changes said parameter so as to decrease said degree-of-nonconformance value.

10 6. A computer-readable medium according to claim 5, wherein said degree-of-nonconformance value is calculated by multiplying the coefficient setting for a control strategy of said information processing system by the number of policy combinations nonconforming to the control strategy of
15 the information processing system and adding up the resulting values for all control strategies of said information processing system.

 7. A computer-readable medium according to claim 1,
20 wherein said step for receiving a parameter entered for setting policies in which processes to be performed in said information processing system are defined receives an input for specifying said policies for which said parameter is not to be changed; and wherein said step for changing said
25 parameter for said policies so that a policy set, which is an aggregate of said policies set by said parameter, better matches the control strategy of said information processing system changes said parameter for said policies other than said policies specified so that said policy set better

matches the control strategy of said information processing system.

8. An information processing device included in an
5 information processing system, comprising:

an input receiver for receiving a parameter entered for setting policies in which processes to be performed in said information processing system are defined; and

10 a parameter changer for changing said parameter for said policies so that a policy set, which is an aggregate of said policies set by said parameter, better matches the control strategy of said information processing system.

9. An information processing device according to
15 claim 8, wherein said information processing system comprises a storage device for storing data, a backup device for saving a duplicate of data stored in said storage device, a computer for accessing said storage device, and a network device for interconnecting said information processing
20 device, said storage device, said backup device, and said computer; and wherein said policy set is an aggregate of said policies for defining processes to be performed by said storage device, said computer, said backup device, or said network device.

25

10. An information processing device according to claim 9, wherein the processes to be performed by said information processing system defined by said policies include a process for saving a duplicate of data stored in a
30 storage area possessed by said storage device specified by

said parameter into said backup device specified by said parameter at a time specified by said parameter, a process for causing said computer specified by said parameter to perform a batch process using data stored in said storage
5 area possessed by said storage device specified by said parameter at a time specified by said parameter, or a process for allocating a user specified by said parameter said storage area having a storage capacity specified by said parameter, which is within said storage area possessed
10 by said storage device specified by said parameter.

11. An information processing device according to claim 10, wherein the control strategy of said information processing system includes any one of a provision
15 stipulating that a plurality of said policies controlling the same said backup device be not allowed to exist during the same period of time, a provision stipulating that a plurality of said policies controlling the same said storage device be not allowed to exist during the same period of
20 time, a provision stipulating that a process for saving a duplicate of data stored in said storage area possessed by said storage device into said backup device start at a specified time, and a provision stipulating that said storage area that is possessed by said storage device and
25 allocated to said user be recognized as a storage area allocatable to said user.

12. An information processing device according to claim 8, wherein said parameter changer calculates a degree-
30 of-nonconformance value, which is a numerical value

representing the degree of nonconformance of said policy set to the control strategy of said information processing system, and changes said parameter so as to decrease said degree-of-nonconformance value.

5

13. An information processing device according to claim 12, wherein said degree-of-nonconformance value is calculated by multiplying the coefficient setting for a control strategy of said information processing system by
10 the number of policy combinations nonconforming to the control strategy of the information processing system and adding up the resulting values for all control strategies of said information processing system.

15 14. An information processing device according to claim 8, wherein said input receiver receives an input for specifying said policies for which said parameter is not to be changed; and wherein said parameter changer changes said parameter for said policies other than said policies
20 specified so that said policy set better matches the control strategy of said information processing system.

15. A method for controlling an information processing device included in an information processing
25 system, the method comprising the steps of:

causing said information processing device to receive a parameter entered for setting policies in which processes to be performed in said information processing system are defined; and

causing said information processing device to change said parameter for said policies so that a policy set, which is an aggregate of said policies set by said parameter, better matches the control strategy of said information processing system.

16. A computer-readable medium according to claim 2, wherein the step for changing said parameter changes said parameter so as to better match the control strategy of said information processing system while using the operation performance information on at least one of said storage device, said backup device, said computer, and said network device, which are included in said information processing system.

15

17. A computer-readable medium according to claim 1, wherein the step for receiving an input specifying said control strategy and the step for changing said parameter change said parameter so as to match said specified control strategy.

20

18. An information processing device according to claim 8, further comprising an acquisition section for acquiring the operation performance information on at least one of said storage device, said backup device, said computer, and said network device, which are included in said information processing system, wherein said parameter changer uses said acquired operation performance information.

25

19. The information processing device according to claim 8, wherein said input receiver receives an input for specifying the control strategy of said information processing system to be applied, and wherein said parameter
5 changer changes a parameter for said policies to make said policies match said specified control strategy.

20. The information processing device according to claim 19, further comprising an execution instruction
10 section for issuing instructions for the processing of said parameter changer, wherein said parameter changer is processed in compliance with said instructions.